



DEPARTMENT OF TRANSPORTATION

[4910-EX-P]

Federal Motor Carrier Safety Administration

[Docket No. FMCSA-2012-0094; FMCSA- 2013-0107]

Qualification of Drivers; Exemption Applications; Epilepsy and Seizure Disorders

AGENCY: Federal Motor Carrier Safety Administration (FMCSA), DOT.

ACTION: Notice of final disposition.

SUMMARY: FMCSA announces its decision to grant requests from nine individuals for exemptions from the regulatory requirement that interstate commercial motor vehicle (CMV) drivers have “no established medical history or clinical diagnosis of epilepsy or any other condition which is likely to cause loss of consciousness or any loss of ability to control a CMV.” The regulation and the associated advisory criteria published in the Code of Federal Regulations as the “Instructions for Performing and Recording Physical Examinations” have resulted in numerous drivers being prohibited from operating CMVs in interstate commerce based on the fact that they have had one or more seizures and are taking anti-seizure medication, rather than an individual analysis of their circumstances by a qualified medical examiner. The Agency concluded that granting exemptions for these CMV drivers will provide a level of safety that is equivalent to or greater than the level of safety maintained without the exemptions. FMCSA grants exemptions that will allow these nine individuals to operate CMVs in interstate commerce for a 2-year period. The exemptions preempt State laws and regulations and may be renewed.

DATES: The exemptions are effective [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER]. The exemptions expire on November 12, 2015.

FOR FURTHER INFORMATION CONTACT: Elaine M. Papp, Division Chief, Physical Qualifications, Office of Medical Programs, (202) 366-4001, fmcsamedical@dot.gov, FMCSA,

Department of Transportation, 1200 New Jersey Avenue, S.E., Room W64-224, Washington, DC 20590-0001. Office hours are 8:30 a.m. to 5 p.m., e.t., Monday through Friday, except Federal holidays.

SUPPLEMENTARY INFORMATION:

A. ELECTRONIC ACCESS

You may see all the comments online through the Federal Document Management System (FDMS) at: <http://www.regulations.gov>.

Docket: For access to the docket to read background documents or comments, go to <http://www.regulations.gov> and/or Room W12-140 on the ground level of the West Building, 1200 New Jersey Avenue, S.E., Washington, DC, between 9 a.m. and 5 p.m., e.t., Monday through Friday, except Federal holidays.

Privacy Act: Anyone may search the electronic form of all comments received into any of DOT's dockets by the name of the individual submitting the comment (or of the person signing the comment, if submitted on behalf of an association, business, labor union, or other entity). You may review DOT's complete Privacy Act Statement in the Federal Register (73 FR 3316, January 17, 2008). This statement is also available at <http://Docketinfo.dot.gov>.

B. BACKGROUND

Under 49 U.S.C. 31136(e) and 31315(b), FMCSA may grant an exemption from the safety regulations for a 2-year period if it finds “such exemption would likely achieve a level of safety that is equivalent to or greater than the level that would be achieved absent such exemption.” The statute also allows the Agency to renew exemptions at the end of the 2-year period.

FMCSA grants nine individuals an exemption from the regulatory requirement in

§ 391.41(b)(8), to allow these individuals who take anti-seizure medication to operate CMVs in interstate commerce for a 2-year period. The Agency's decision on these exemption applications is based on an individualized assessment of each applicant's medical information, including the root cause of the respective seizure(s), the length of time elapsed since the individual's last seizure, and each individual's treatment regimen. In addition, the Agency reviewed each applicant's driving record found in the CDLIS,¹ for CDL holders, and interstate and intrastate inspections recorded in MCMIS.² For non-CDL holders, the Agency reviewed the driving records from the State licensing agency. The Agency acknowledges the potential consequences of a driver experiencing a seizure while operating a CMV. However, the Agency believes the drivers covered by the exemptions granted here have demonstrated that they are unlikely to have a seizure and their medical condition does not pose a risk to public safety.

In reaching the decision to grant these exemption requests, the Agency considered both current medical literature and information and the 2007 recommendations of the Agency's Medical Expert Panel (MEP). The Agency previously gathered evidence for potential changes to the regulation at 49 CFR 391.41(b)(8) by conducting a comprehensive review of scientific literature that was compiled into the "Evidence Report on Seizure Disorders and Commercial Vehicle Driving" (Evidence Report) [CD-ROM HD TL230.3 .E95 2007]. The Agency then convened a panel of medical experts in the field of neurology (the MEP) on May 14-15, 2007, to review 49 CFR 391.41(b)(8) and the advisory criteria regarding individuals who have experienced a seizure, and the 2007 Evidence Report. The Evidence Report and the MEP

¹ Commercial Driver License Information System (CDLIS) is an information system that allows the exchange of commercial driver licensing information among all the States. CDLIS includes the databases of fifty-one licensing jurisdictions and the CDLIS Central Site, all connected by a telecommunications network.

² Motor Carrier Management Information System (MCMIS) is an information system that captures data from field offices through SAFETYNET, CAPRI, and other sources. It is a source for FMCSA inspection, crash, compliance review, safety audit, and registration data.

recommendations are published on-line at <http://www.fmcsa.dot.gov/rules-regulations/topics/mep/mep-reports.htm>, under Seizure Disorders, and are in the docket for this notice.

MEP Criteria for Evaluation

On October 15, 2007, the MEP issued the following recommended criteria for evaluating whether an individual with epilepsy or a seizure disorder should be allowed to operate a CMV.³ The MEP recommendations are included in previously published dockets.

Epilepsy diagnosis. If there is an epilepsy diagnosis, the applicant should be seizure-free for 8 years, on or off medication. If the individual is taking anti-seizure medication(s), the plan for medication should be stable for 2 years. Stable means no changes in medication, dosage, or frequency of medication administration. Recertification for drivers with an epilepsy diagnosis should be performed every year.

Single unprovoked seizure. If there is a single unprovoked seizure (i.e., there is no known trigger for the seizure), the individual should be seizure-free for 4 years, on or off medication. If the individual is taking anti-seizure medication(s), the plan for medication should be stable for 2 years. Stable means no changes in medication, dosage, or frequency of medication administration. Recertification for drivers with a single unprovoked seizure should be performed every 2 years.

Single provoked seizure. If there is a single provoked seizure (i.e., there is a known reason for the seizure), the Agency should consider specific criteria that fall into the following two categories: low-risk factors for recurrence and moderate-to-high risk factors for recurrence.

³ Engel, J., Fisher, R.S., Krauss, G.L., Krumholz, A., and Quigg, M.S., “Expert Panel Recommendations: Seizure Disorders and Commercial Motor Vehicle Driver Safety,” FMCSA, October 15, 2007.

- Examples of low-risk factors for recurrence include seizures that were caused by a medication; by non-penetrating head injury with loss of consciousness less than or equal to 30 minutes; by a brief loss of consciousness not likely to recur while driving; by metabolic derangement not likely to recur; and by alcohol or illicit drug withdrawal.
- Examples of moderate-to-high-risk factors for recurrence include seizures caused by non-penetrating head injury with loss of consciousness or amnesia greater than 30 minutes, or penetrating head injury; intracerebral hemorrhage associated with a stroke or trauma; infections; intracranial hemorrhage; post-operative complications from brain surgery with significant brain hemorrhage; brain tumor; or stroke.

The MEP report indicates individuals with moderate to high-risk conditions should not be certified. Drivers with a history of a single provoked seizure with low risk factors for recurrence should be recertified every year.

Medical Review Board Recommendations and Agency Decision

FMCSA presented the MEP's findings and the Evidence Report to the Medical Review Board (MRB) for consideration. The MRB reviewed and considered the 2007 "Seizure Disorders and Commercial Driver Safety" evidence report and the 2007 MEP recommendations. The MRB recommended maintaining the current advisory criteria, which provide that "drivers with a history of epilepsy/seizures off anti-seizure medication and seizure-free for 10 years may be qualified to drive a CMV in interstate commerce. Interstate drivers with a history of a single unprovoked seizure may be qualified to drive a CMV in interstate commerce if seizure-free and off anti-seizure medication for a 5 year period or more" [Advisory criteria to 49 CFR 391.43(f)].

The Agency acknowledges the MRB's position on the issue but believes relevant current medical evidence supports a less conservative approach. The medical advisory criteria for

epilepsy and other seizure or loss of consciousness episodes was based on the 1988 “Conference on Neurological Disorders and Commercial Drivers” (NITS Accession No. PB89-158950/AS).

A copy of the report can be found in the docket referenced in this notice.

The MRB’s recommendation treats all drivers who have experienced a seizure the same, regardless of individual medical conditions and circumstances. In addition, the recommendation to continue prohibiting drivers who are taking anti-seizure medication from operating a CMV in interstate commerce does not consider a driver’s actual seizure history and time since the last seizure. The Agency has decided to use the 2007 MEP recommendations as the basis for evaluating applications for an exemption from the seizure regulation on an individual, case-by-case basis.

C. EXEMPTIONS

Following individualized assessments of the exemption applications, including a review of detailed follow-up information requested from each applicant, FMCSA is granting exemptions from 49 CFR 391.41(b)(8) to nine individuals. Under current FMCSA regulations, all of the nine drivers receiving exemptions from 49 CFR 391.41(b)(8) would have been considered physically qualified to drive a CMV in interstate commerce except that they presently take or have recently stopped taking anti-seizure medication. For these nine drivers, the primary obstacle to medical qualification was the FMCSA Advisory Criteria for Medical Examiners, based on the 1988 “Conference on Neurological Disorders and Commercial Drivers,” stating that a driver should be off anti-seizure medication in order to drive in interstate commerce. In fact, the Advisory Criteria have little if anything to do with the actual risk of a seizure and more to do with assumptions about individuals who are taking anti-seizure medication.

In addition to evaluating the medical status of each applicant, FMCSA evaluated the crash and violation data for the nine drivers, some of whom currently drive a CMV in intrastate commerce. The Commercial Driver's License Information System (CDLIS) and the FMCSA Motor Carrier Management Information System (MCMIS) were searched for crash and violation data on the nine applicants. For non-CDL holders, the Agency reviewed the driving records from the State licensing agency.

These exemptions are contingent on the driver maintaining a stable treatment regimen and remaining seizure-free during the 2-year exemption period. The exempted drivers must submit annual reports from their treating physicians attesting to the stability of treatment and that the driver has remained seizure-free. The driver must undergo an annual medical examination by a medical examiner, as defined by 49 CFR 390.5, following the FMCSA's regulations for the physical qualifications for CMV drivers.

FMCSA published a notice of receipt of application and requested public comment during a 30-day public comment period in a Federal Register notice for each of the applicants. A short summary of the applicants' qualifications and a discussion of the comments received follows this section. For applicants who were denied an exemption, a notice will be published at a later date.

D. COMMENTS

Docket # FMCSA-2012-0094

On January 14, 2013, FMCSA published a notice of receipt of exemption applications and requested public comment on 14 individuals. The comment period ended February 13, 2013. Eighteen commenters responded to the Federal Register Notice. A discussion of these comments and a decision was made on seven applicants in (78 FR 3079). FMCSA has

determined that one of these applicants should be granted an exemption. The Agency will issue a decision on the other drivers at a later date.

Docket # FMCSA-2013-0107

On July 12, 2013, FMCSA published a notice of receipt of exemption applications and requested public comment on nine individuals. The comment period ended on August 12, 2013. Seven commenters responded to the Federal Register notice. All commenters support the idea of granting an exemption. Five commenters specifically support George Webb and two support Christopher Bird. FMCSA has determined that eight of these applicants should be granted an exemption. The Agency will issue a decision on the other driver at a later date.

Selene Anderson

Ms. Anderson is a 58 year-old driver in Tennessee. She suffered seizures as a child and has been seizure-free since 1968. She takes anti-seizure medication with the dosage and frequency remaining the same for more than two years. Her physician is supportive of Ms. Anderson receiving an exemption.

Christopher Bird

Mr. Bird is a 30 year-old driver in Ohio. He has a diagnosis of epilepsy and has remained seizure-free for over 15 years. He takes anti-seizure medication with the dosage and frequency remaining the same for over five years. His physician is supportive of Mr. Bird receiving an exemption.

Fletcher Dortch

Mr. Dortch is a 58 year-old driver in Maryland. He had a single seizure in 2007. He takes anti-seizure medication with the dosage and frequency remaining the same for more than five years. His physician is supportive of Mr. Dortch receiving an exemption.

Victor Marquez

Mr. Marquez is a 23 year-old driver in the state of Idaho. He has had three seizures in his lifetime with the last one in March 2003. He takes anti-seizure medication with the dosage and frequency remaining the same for more than nine years. His physician is supportive of Mr. Marquez receiving an exemption.

Edward Nissenbaum

Mr. Nissenbaum is a 61 year-old driver in Pennsylvania. He had a seizure in 1999. He takes anti-seizure medication with the dosage and frequency remaining the same since that time. His physician is supportive of Mr. Nissenbaum receiving an exemption.

Stanislav Spielvogel

Mr. Spielvogel is a 56 year-old driver in Connecticut. He has a diagnosis of epilepsy and has remained seizure-free for over 20 years. He takes anti-seizure medication with the dosage and frequency remaining the same since 2006. His physician is supportive of Mr. Spielvogel receiving an exemption.

Stephen Stawinsky

Mr. Stawinsky is a 54 year-old driver in Pennsylvania. He had a seizure in 1995 and has been seizure-free for over 20 years. He takes anti-seizure medication with the dosage and frequency remaining the same since 2005. His physician is supportive of Mr. Stawinsky receiving an exemption.

Lyle Trimm

Mr. Trimm is a 55 year-old driver in New Jersey. He had a seizure in 2007 and has been seizure-free for six years. He takes anti-seizure medication with the dosage and frequency

remaining the same since that time. His physician is supportive of Mr. Trimm receiving an exemption.

George Webb

Mr. Webb is a 71 year-old driver in Massachusetts. He has a history of seizure disorder and has remained seizure-free for over 24 years. He takes anti-seizure medication with the dosage and frequency remaining the same since that time. His physician is supportive of Mr. Webb receiving an exemption.

E. BASIS FOR EXEMPTION

Under 49 U.S.C. 31136(e) and 31315(b), FMCSA may grant an exemption from the epilepsy/seizure standard in 49 CFR 391.41(b)(8) if the exemption is likely to achieve an equivalent or greater level of safety than would be achieved without the exemption. Without the exemption, applicants will continue to be restricted to intrastate driving. With the exemption, applicants can drive in interstate commerce. Thus, the Agency's analysis focuses on whether an equal or greater level of safety is likely to be achieved by permitting each of these drivers to drive in interstate commerce as opposed to restricting the driver to driving in intrastate commerce.

Conclusion

The Agency is granting exemptions from the epilepsy standard, 49 CFR 391.41(b)(8), to nine individuals based on a thorough evaluation of each driver's qualifications, safety experience, and medical condition. Safety analysis of information relating to these nine applicants meets the burden of showing that granting the exemptions would achieve a level of safety that is equivalent to or greater than the level that would be achieved without the exemption. By granting the exemptions, the interstate CMV industry will gain nine highly

trained and experienced drivers. In accordance with 49 U.S.C. 31315(b)(1), each exemption will be valid for 2 years, with annual recertification required unless revoked earlier by FMCSA. The exemption will be revoked if the following occurs: (1) The person fails to comply with the terms and conditions of the exemption; (2) the exemption has resulted in a lower level of safety than was maintained prior to being granted; or (3) continuation of the exemption would not be consistent with the goals and objectives of 49 U.S.C. 31136 and 31315.

FMCSA exempts the following nine drivers for a period of 2 years with annual medical certification required: Selene Anderson (TN); Christopher Bird (OH); Fletcher Dortch (MD); Victor Marquez (ID); Edward Nissenbaum (PA); Stanislav Spielvogel (CT); Stephen Stawinsky (PA); Lyle Trimm (NJ); and George Webb (MA) from the prohibition of CMV operations by persons with a clinical diagnosis of epilepsy or seizures. If the exemption is still in effect at the end of the 2-year period, the person may apply to FMCSA for a renewal under procedures in effect at that time.

Issued on: November 1, 2013.

Anne S. Ferro,
Administrator.

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